

**HOWELL MOUNTAIN FLOOD CONTROL**  
**CONTINUING AUTHORITY, SECTION 205**

PROJECT LOCATION AND DESCRIPTION: The Howell Mountain Flood Protection Project is located near the town of Angwin in Napa County, California. Under the Section 205 Authority, a variety of stabilization techniques are being investigated for the purpose of securing the Friesen Lakes water system. This system is comprised of 10 small lakes, separated by earthen dams, which gravity feed into Lake Henne. The Howell Mountain Mutual Water Co., Inc. (HMMC), the local sponsor, operates the water distribution system at Lake Henne. Preliminary investigations show that a general lack of structural stability and integrity could cause dam failure, which in turn could cause catastrophic flooding to the residential and commercial community of Angwin.

TOTAL FUNDING:

TOTAL COST:	\$ 40,000
FEDERAL COST:	\$ 40,000
NON-FEDERAL COST:	\$ 0

TOTAL FEDERAL COST THROUGH FY04:	\$ 40,000
FISCAL YEAR 05 BUDGET:	\$ 0
COST TO COMPLETE:	\$ 0

FY 04 ACCOMPLISHMENTS: The Draft Initial Appraisal (IA) is scheduled to be completed in early February 2004, with a Final IA to follow later that month. Based on current findings, a Negative Report will most likely be prepared.

ISSUES AND OTHER INFORMATION: The reconnaissance phase was started in October 2003 after receipt of Federal funding. Through the Initial Appraisal analysis and investigation process, the Project Delivery Team has determined there is most likely no Federal interest in flood control at the Howell Mountain project site. After analyzing the worst case flooding scenario (that maximized benefits and minimized costs), and factoring in a probability of occurrence in any given year of less than 100%, preliminary results showed the B/C ratios were too low to support a flood damage reduction project. In addition, because flooding has not yet been experienced in the town of Angwin (the Corps is only investigating *potential* future flooding), the problem definition will very likely shift from flood damage reduction to dam safety. The Initial Appraisal report will most likely recommend against a flood control project, but will describe as thoroughly as possible the problem under the without project conditions; identify potential future actions the HMMC (or other entity) could take to rectify the problem; and identify other authorities under which the Corps could potentially participate in the future, including the Planning Assistance to States program.

CONGRESSIONAL INTEREST: 1<sup>st</sup> Congressional District, Rep. Mike Thompson